<u>**Amendments to the Claims**</u>

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-18.   (Canceled)

19.   (Currently amended) A device, comprising:

an actuator having a user interface, the actuator being configured to output haptic feedback to the user interface, the haptic feedback including a modulating force simulating a plurality of electronically defined stop positions;

a data storage component configured to store torque data associated with the haptic feedback simulating a plurality of electronically defined stop positions, the torque data being associated with a ~~plurality of~~ force profiles, the torque data being provided by a host computer based on a selection of at least one force profile from the plurality of force profiles <u>based on a host software application running on the host computer</u>;

a sensor coupled to the user interface, the sensor being configured to send position information associated with a position of the user interface <u>to the host computer</u>; and

a local controller coupled to the data storage component and the actuator, the local controller being configured to be in communication with the host computer, <u>the local controller being configured to receive position data from the host software application of the host computer,</u> the local controller being configured to send a control signal to the actuator~~, the control signal being based on data values associated with a host software application of the host computer,~~ <u>based on the position data and the torque data to</u> ~~the haptic feedback~~ simulat~~ing~~<u>e a</u> <u>the</u>

plurality of electronically defined stop positions ~~being associated with the position information, and the host software application~~.

20.　(Previously presented)　The device of claim 19, the actuator being a first actuator, the device further comprising a second actuator, the local controller being configured to output the control signal to the first and second actuators, the first and second actuators configured to produce the haptic feedback.

21.　(Previously presented)　The device of claim 19, wherein the data storage component is configured to receive and store a plurality of torque values from the host computer.

22.　(Previously presented)　The device of claim 21, wherein each of the torque values is associated with a different tactile sensation.

23.　(Previously presented)　The device of claim 19, wherein the data storage component is external to the local controller.

24.　(Previously presented)　The device of claim 19, wherein the data storage component is resident on the local controller.

25.　(Currently amended)　A device, comprising:

　　　a user interface, the user interface being configured to provide haptic feedback simulating a plurality of electronically defined stop positions based on a plurality of torque data values associated with a processor executable application, the haptic feedback simulating a plurality of

electronically defined stop positions being associated with a plurality of force output profiles, each of the plurality of force output profiles being uniquely associated with a torque data value from the plurality of torque data values;

a local data storage component configured to store the plurality of torque data values, the plurality of torque data values being provided by a host computer based on a selection of a force output profile from the plurality of force output profiles based on the processor executable application;

a sensor coupled to the user interface, the sensor being configured to send a position signal associated with a position of the user interface to the host computer; and

a local controller coupled to the local data storage component and the sensor, the local controller configured to receive position information from the host computer, the local controller being configured to control the haptic feedback simulating a plurality of electronically defined stop positions in response to the position information and based on the plurality of torque data values.

26.   (Canceled)

27.   (Previously presented) The device of claim 25, wherein the user interface is at least a portion of an actuator, the actuator being configured to provide the haptic feedback.

28.   (Previously presented) The device of claim 25, wherein the data storage component is external to the local controller.

29.   (Previously presented) The device of claim 25, wherein the data storage component is resident on the local controller.

30.   (Previously presented) The device of claim 25, wherein the local data storage component is configured to receive data from a remote processor.

31.   (Currently amended) A method, comprising:

~~sending~~ receiving a position signal ~~to~~ at a local controller, the position signal being based on at least one of a position and a movement of a user interface;

~~receiving~~ generating a control signal ~~, associated with at least one of~~ based on an input signal ~~from a computer program, a~~ torque ~~signal~~ data ~~from a local memory device,~~ and the position signal, the torque ~~signal~~ data being provided to the local memory device by a host computer based on a selection of a torque profile associated with ~~the torque signal data~~ a computer program running on the host computer; and

~~outputting~~ transmitting the control signal to the user interface to output haptic feedback simulating a plurality of electronically defined stop positions at the user interface ~~, the haptic feedback simulating a plurality of electronically defined stop positions being associated with the control signal~~.

32.   (Currently amended) The method of claim 31, wherein the torque ~~signal~~ data includes a plurality of data values, each data value from the plurality of data values being associated with different tactile sensations of the haptic feedback.

33.   (Currently amended) The method of claim 31, further comprising:

receiving at ~~the~~ a local memory device the torque ~~signal~~ data from ~~a~~ the host computer, the torque ~~signal~~ data including ~~the~~ an input signal identifying the computer program running on the host computer.

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